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12230330727 U.S.PTO  
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Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO:</b>	
See MPEP chapter 600 concerning utility patent application contents.		Mail Stop Patent Application Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fast processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 99] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 40]		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [Total Pages <input type="checkbox"/> ]		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee)</small> Attorney	
a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small>		11. <input type="checkbox"/> English Translation Document (if applicable)	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS <small>Citations</small>	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		13. <input type="checkbox"/> Preliminary Amendment 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503). <small>(Should be specifically itemized)</small>	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <small>Prior application information: Examiner _____ Group Art Unit: _____</small>		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 <small>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</small>	
17. <input type="checkbox"/> Other: _____		19. CORRESPONDENCE ADDRESS	
<input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below	
Name <input type="checkbox"/> Paul J. Farrell			
Address <input type="checkbox"/> DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd.			
City <input type="checkbox"/> Uniondale		State <input type="checkbox"/> New York	
Country <input type="checkbox"/> U.S.A.		Zip Code <input type="checkbox"/> 11553 Telephone <input type="checkbox"/> (516) 228-8484	
Name (Print/Type) <input type="checkbox"/> Paul J. Farrell		Registration No. (Attorney/Agent) <input type="checkbox"/> 33,494	
Signature		Date <input type="checkbox"/> December 23, 2003	

## CERTIFICATION OF HAND DELIVERY

I hereby certify that this correspondence and the documents referred to as enclosed are being hand-delivered to the United States Postal Service on date below in an envelope: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 23, 2003

Sunny Davies

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PTO/SB/17 (08-03)

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 2,896.00)

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Jong-Goo LEE, et al.
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	678-1264 (P11404)

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number: 04-1121  
Deposit Account Name: Dilworth & Bartese LLP

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	
1051 130	2051 85	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1261 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 960	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,610	1451 1,510	Petition to Institute a public use proceeding	
1452 110	2452 66	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 685	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	130
1607 50	1607 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1609 770	2609 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

**SUBTOTAL (1) (\$ 770.00)**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		Fee from below	Fee Paid
Total Claims	107	-20** = 87	x 18.00 = 1,566.00
Independent Claims	8	-3** = 5	x 86.00 = 430.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 88	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$ 1,996.00)**

\*or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_  
 \*Reduced by Basic Filing Fee Paid. **SUBTOTAL (3) (\$ 130.00)**

(Complete if applicable)

**SUBMITTED BY**

Name (Print/Type)

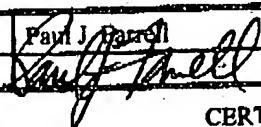
Paul J. Farrell

Registration No.  
(Attorney/Agent)

33,494

Telephone (516) 228-8484

Signature



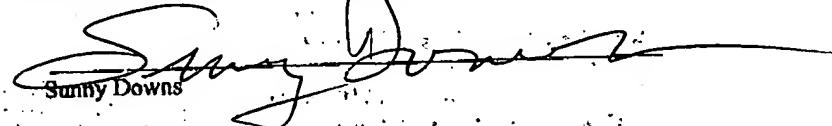
Date

December 23, 2003

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Dated: December 23, 2003

  
Sunny Downs

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